

Dr. Duke's Phytochemical and Ethnobotanical Database**Chemicals Found in *Pelargonium graveolens***

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	ACETALDEHYDE	Essential Oil	--	--		
16	ACETIC-ACID	Essential Oil	--	--		
3	ACETONE	Essential Oil	--	--		
11	ALPHA-PHELLANDRENE	Essential Oil	--	--		
28	ALPHA-PINENE	Essential Oil	1	3	-0.5600433656432124	
23	ALPHA-TERPINEOL	Essential Oil	4	22	-0.7720662078462751	
3	AR-CURCUMENE	Essential Oil	--	--		
6	BETA-BISABOLENE	Essential Oil	--	--		
5	BETA-ELEMENE	Essential Oil	--	--		
3	BETA-PHELLANDRENE	Essential Oil	--	--		
13	BETA-PINENE	Essential Oil	--	--		
35	BORNEOL	Essential Oil	--	--		
5	CAPRYLIC-ACID	Essential Oil	--	--		
31	CARYOPHYLLENE	Essential Oil	--	--		
1	CIS-3-HEXENOL	Essential Oil	1	1		
53	CITRAL	Essential Oil	--	--		
20	CITRONELLAL	Essential Oil	--	--		
15	CITRONELLOL	Plant	21	1176	2.123051972799649	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	CITRONELLYL-ACETATE	Essential Oil	--	--		
1	CITRONELLYL-FORMATE	Essential Oil	1	2		
1	COPAENE	Essential Oil	--	--		
9	DELTA-CADINENE	Essential Oil	--	--		
2	DIMETHYL-SULFIDE	Plant	--	--		
24	ETHANOL	Essential Oil	--	--		
76	EUGENOL	Essential Oil	--	--		
13	FORMIC-ACID	Essential Oil	--	--		
13	GERANIAL	Essential Oil	2	12	-1	
35	GERANIOL	Plant	2	1400	-0.2090839590379573	
5	GERANYL-ACETATE	Essential Oil	--	--		
1	HEXYL-FORMATE	Essential Oil	--	--		
2	HUMULENE	Essential Oil	--	--		
3	ISOAMYL-ALCOHOL	Essential Oil	--	--		
3	ISOMENTHONE	Essential Oil	8	38	-1	
3	ISOPULEGOL	Essential Oil	--	--		
60	LIMONENE	Essential Oil	1	3	-0.7370481396201248	
63	MENTHOL	Plant	2	1852	0.738920288124005	
30	MENTHONE	Essential Oil	8	38	-1	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	METHANOL	Essential Oil	--	--		
2	METHYL-BUTYRATE	Essential Oil	--	--		
22	MYRCENE	Essential Oil	1	2	-0.44404370426836665	
4	NERAL	Essential Oil	2	12	-1	
16	P-CYMENE	Essential Oil	1	2	-0.633376049809191	
6	PROPIONIC-ACID	Essential Oil	--	--		
5	SABINENE	Essential Oil	--	--		
1	TIGLIC-ACID	Essential Oil	--	--		
1	TOLUENE	Essential Oil	--	--		